

FIELD FABRICATED

1 1/2" x 1 1/2" 14 GAGE
GALVANIZED STEEL ANGLE

FLAT STRIP 16 GAUGE
SHEET METAL

LOUVER

1/2" x 1/2" GALVANIZED
STEEL BIRD SCREEN
ATTACHED TO LOUVER

1/4" SEALANT

FIRE DAMPER AND
SLEEVE ASSEMBLY

ANGLE SCREWED TO CONC.
WALL, 3/8" ϕ x 2"
LONG HILTI

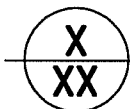
CONCRETE WALL

14 GAUGE SLEEVE

1/2" x 1/2" GALVANIZED
STEEL SCREEN WITH ANGLE
SUPPORT FRAME. FRAME
SHALL BE REMOVABLE FOR
DAMPER ACCESS.

SHEET METAL SCREWS ATTACHING
SCREEN FRAME TO DAMPER
SLEEVE ON 6" CENTERS.

INSIDE FACE OF EXTERIOR WALL



OUTSIDE LOUVER WITH FIRE DAMPER DETAIL

SCALE: NONE

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LBNL STANDARD
OUTSIDE LOUVER W/ FIRE DAMPER

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CAD FILE PATH	
SCALE	NTS
DRAWING NO.	SHEET
H 135	
PROJECT NO.	

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY NATIONAL LABORATORY
FACILITIES DIVISION